

IN THE CLAIMS

No claims are amended. All pending claims are reproduced below.

- 1 1. (Previously Presented) For use in a hand-held computing device, a computer-
2 implemented method for providing an alternate symbol associated with a base symbol
3 comprising:
4 receiving input requesting a first list of alternate symbols associated with a first base
5 symbol; and
6 displaying simultaneously a plurality of alternate symbols from the first list in a pop-up
7 menu at an insertion location for at least one of the alternate symbols on a display of the hand-
8 held device.
- 1 2. (Previously Presented) The method of claim 1 wherein displaying simultaneously a
2 plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at
3 least one of the alternate symbols on a display of the hand-held device comprises:
4 displaying the plurality of alternate symbols of the first list in an order according to a
5 user-defined criteria.
- 1 3. (Previously Presented) The method of claim 1 wherein displaying simultaneously a
2 plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at
3 least one of the alternate symbols on a display of the hand-held device comprises:
4 displaying the plurality of alternate symbols of the first list in an order according to a
5 criteria of the alternate symbol that was last selected for the base symbol is displayed first.
- 1 4. (Previously Presented) The method of claim 1 wherein displaying simultaneously a
2 plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at
3 least one of the alternate symbols on a display of the hand-held device comprises:

4 displaying the plurality of alternate symbols in the first list in an order from first to last
5 according to a criteria of descending order of a frequency of selection for each alternate symbol;
6 responsive to receiving input indicating one of the alternate symbols has been selected,
7 increasing a frequency of selection indicator for the alternate symbol that has been selected; and
8 storing the frequency of selection indicator in a memory.

1 5. (Previously Presented) The method of claim 1 wherein displaying simultaneously a
2 plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at
3 least one of the alternate symbols on a display of the hand-held device comprises:

4 displaying the plurality of alternate symbols in the first list in an order from first to last
5 according to a criteria of descending order of a frequency of selection for each alternate symbol,
6 the frequency of selection being based on pre-determined statistics.

1 6. (Canceled).

1 7. (Canceled).

1 8. (Previously Presented) The method of claim 1 wherein the first list of alternate symbols
2 includes a short symbol sequence.

1 9. (Previously Presented) The method of claim 1 wherein the first list of alternate symbols
2 includes an accented symbol version of the base symbol.

1 10. (Previously Presented) The method of claim 1 wherein the first list of alternate symbols
2 includes a symbol of the same type as the base symbol.

1 11. (Previously Presented) The method of claim 1 wherein the first list of alternate symbols
2 includes a symbol having an associational relationship with the base symbol wherein the
3 associational relationship is that the symbol includes the base symbol.

1 12. (Previously Presented) The method of claim 1 further comprising:

2 receiving input requesting a second list of alternate symbols associated with a second
3 base symbol; and

4 displaying simultaneously a plurality of alternate symbols from the second list in a pop-
5 up menu at an insertion location for at least one of the alternate symbols on a display of the
6 hand-held device.

1 13. (Previously Presented) A hand-held computing device for providing an alternate symbol
2 associated with a base symbol comprising:

3 a display;

4 a memory;

5 a processor coupled to the display and memory;

6 a user input device for indicating a symbol; and

7 software stored in the memory for providing an alternate symbol associated with a base symbol

8 wherein the software comprises instructions for execution by the processor for performing the

9 following:

10 receiving input requesting a first list of alternate symbols associated with a first base

11 symbol; and

12 displaying simultaneously a plurality of alternate symbols from the first list in a pop-up

13 menu at an insertion location for at least one of the alternate symbols on a display of the hand-

14 held device.

1 14. (Canceled)

1 15. (Canceled)

1 16. (Canceled)

1 17. (Previously Presented) The device of claim 13 wherein displaying simultaneously a
2 plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at
3 least one of the alternate symbols on a display of the hand-held device comprises:

4 displaying the plurality of alternate symbols of the first list in an order according to a
5 user-defined criteria.

1 18. (Previously Presented) The device of claim 13 wherein displaying simultaneously a
2 plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at
3 least one of the alternate symbols on a display of the hand-held device comprises:

4 displaying the plurality of alternate symbols of the first list in an order according to a
5 criteria of the alternate symbol that was last selected for the base symbol is displayed first.

1 19. (Previously Presented) The device of claim 13 wherein displaying simultaneously a
2 plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at
3 least one of the alternate symbols on a display of the hand-held device comprises:

4 displaying the plurality of alternate symbols in the first list in an order from first to last
5 according to a criteria of descending order of a frequency of selection for each alternate symbol;
6 responsive to receiving input indicating one of the alternate symbols has been selected,
7 increasing a frequency of selection indicator for the alternate symbol that has been selected; and
8 storing the frequency of selection indicator in a memory.

1 20. (Previously Presented) The device of claim 13 wherein displaying simultaneously a
2 plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at
3 least one of the alternate symbols on a display of the hand-held device comprises:

4 displaying the plurality of alternate symbols in the first list in an order from first to last
5 according to a criteria of descending order of a frequency of selection for each alternate symbol,
6 the frequency of selection being based on pre-determined statistics.

1 21. (Canceled)

1 22. (Canceled)

1 23. (Previously Presented) The device of claim 13 wherein the first list of alternate symbols
2 includes a short symbol sequence as one of the one or more alternate symbols.

1 24. (Previously Presented) The device of claim 13 wherein the first list of alternate symbols
2 includes an accented symbol version of the base symbol as one of the one or more alternate
3 symbols.

1 25. (Previously Presented) The device of claim 13 wherein the first list of alternate symbols
2 includes a symbol of the same type as the base symbol.

1 26. (Previously Presented) The device of claim 13 wherein the first list of alternate symbols
2 includes a symbol having an associational relationship with the base symbol wherein the
3 associational relationship is that the symbol includes the base symbol.

1 27. (Previously Presented) The device of claim 13 wherein the software further comprises
2 instructions for execution by the processor for performing the following:

3 receiving input requesting a second list of alternate symbols associated with a second
4 base symbol; and

5 displaying simultaneously a plurality of alternate symbols from the second list in a pop-
6 up menu at an insertion location for at least one of the alternate symbols on a display of the
7 hand-held device.

1 28. (Previously Presented) A computer usable medium comprising instructions for execution
2 by a processor for performing a computer-implemented method for providing an alternate
3 symbol associated with a base symbol for use in a hand-held computing device, the method
4 comprising:

5 receiving input requesting a first list of alternate symbols associated with a first base
6 symbol; and

7 displaying simultaneously a plurality of alternate symbols from the first list in a pop-up
8 menu at an insertion location for at least one of the alternate symbols on a display of the hand-
9 held device.

1 29. (Previously Presented) The medium of claim 28 wherein displaying simultaneously a
2 plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at
3 least one of the alternate symbols on a display of the hand-held device comprises:

4 displaying the plurality of alternate symbols of the first list in an order according to a
5 user-defined criteria.

1 30. (Previously Presented) The medium of claim 28 wherein displaying simultaneously a
2 plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at
3 least one of the alternate symbols on a display of the hand-held device comprises:

4 displaying the plurality of alternate symbols of the first list in an order according to a
5 criteria of the alternate symbol that was last selected for the base symbol is displayed first.

1 31. (Previously Presented) The medium of claim 28 wherein displaying simultaneously a
2 plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at
3 least one of the alternate symbols on a display of the hand-held device comprises:

4 displaying the plurality of alternate symbols in the first list in an order from first to last
5 according to a criteria of descending order of a frequency of selection for each alternate symbol;
6 responsive to receiving input indicating one of the alternate symbol has been selected,
7 increasing a frequency of selection indicator for the alternate symbol that has been selected; and
8 storing the frequency of selection indicator in a memory.

1 32. (Previously Presented) The medium of claim 28 wherein displaying simultaneously a
2 plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at
3 least one of the alternate symbols on a display of the hand-held device comprises:

4 displaying the plurality of alternate symbols in the first list in an order from first to last
5 according to a criteria of descending order of a frequency of selection for each alternate symbol,
6 the frequency of selection being based on pre-determined statistics.

1 33. (Canceled)

1 34. (Canceled)

1 35. (Previously Presented) A hand-held computing device for providing an alternate symbol
2 associated with a base symbol comprising:

3 means for receiving input requesting a first list of alternate symbols associated with a first
4 base symbol; and

5 means for displaying simultaneously a plurality of alternate symbols from the first list in
6 a pop-up menu at an insertion location for at least one of the alternate symbols on a display of
7 the hand-held device.

1 36. (Previously Presented) The device of claim 35 wherein the means for displaying
2 simultaneously a plurality of alternate symbols from the first list in a pop-up menu at an
3 insertion location for at least one of the alternate symbols on a display of the hand-held device
4 comprises:

5 means for displaying the plurality of alternate symbols of the first list in an order
6 according to a user-defined criteria.

1 37. (Previously Presented) The device of claim 35 wherein the means for displaying
2 simultaneously a plurality of alternate symbols from the first list in a pop-up menu at an

insertion location for at least one of the alternate symbols on a display of the hand-held device comprises:

means for displaying the plurality of alternate symbols of the first list in an order according to a criteria of the alternate symbol that was last selected for the base symbol is displayed first.

38. (Previously presented) The device of claim 35 wherein the means for displaying simultaneously a plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at least one of the alternate symbols on a display of the hand-held device comprises:

means for displaying the plurality of alternate symbols in the first list in an order from first to last according to a criteria of descending order of a frequency of selection for each alternate symbol;

means for increasing a frequency of selection indicator for the alternate symbol that has been selected responsive to receiving input indicating one of the alternate symbols has been selected; and

means for storing the frequency of selection indicator in a memory.

39. (Previously Presented) The device of claim 35 wherein the means for displaying simultaneously a plurality of alternate symbols from the first list in a pop-up menu at an insertion location for at least one of the alternate symbols on a display of the hand-held device comprises:

means for displaying the plurality of alternate symbols in the first list in an order from first to last according to a criteria of descending order of a frequency of selection for each alternate symbol, the frequency of selection being based on pre-determined statistics.

40. (Canceled)

1 41. (Canceled)

1 42. (Previously presented) The method of claim 1 wherein the first list of alternate symbols
2 includes an emoticon.

1 43. (Previously presented) The device of claim 13 wherein the first list of alternate symbols
2 includes an emoticon.